

Defense Information Infrastructure (DII)
Common Operating Environment (COE)
Version 3.1

Errata Sheets for Solaris 2.5.1

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Prepared for:
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DII COE 3.1 Solaris 2.5.1 Errata Sheets

1. Introduction

This document contains the latest known problems and error information available as of the date of release of this publication.

1.1 Default Profiles (System Level)

The DII COE is delivered with three default accounts already established; root, sysadmin, and secman. The sysadmin and secman accounts both are profile based and have default profiles associated with them. However, the default profile is not invoked automatically during the initial login to both of these accounts. There is a GSPR generated for this, but the workaround in the mean time is to select the Profile Selector icon—the head with a “?” in it on the front panel—this will bring up the profile selector where you can select the default profile and activate it. This only has to be done the first time these accounts are used.

1.2 Tivoli 3.0

TIVOLI requires PERL 5.003 to be installed, before it can be installed. PERL 5.003 has become a COE component segment, so as a result, it has moved locations from “/h/COTS” to “/h/COE/Comp”. This means that the previously delivered TIVOLI segments that listed PERL under the /h/COTS directory in their REQUIRES descriptor, are looking in the wrong location. The COEInstaller was designed to use the path given in the descriptor file only as a starting point for the search, so it should still find the PERL segment even though it has moved. However, the COEInstaller fails to do this, so a GSPR has been generated for this, but the workaround in the mean time is to link the old /h/COTS/PERL directory with the new location. To do this complete the following procedures after installing PERL per its install procedures.

1. Login as Sysadmin (or any account with an xterm) and open an xterm
2. Type “su” to change to root
3. Type “cd” to change to the root directory
4. Type “ln -s /h/COE/Comp/PERL /h/COTS” to link the directories
5. Type “cd /h/COTS”
6. Type “ls -al” to double check that the link was completed

1.3 CMP Errata for DCE

For CMP to use DCE properly you need to check the file permission on the DCE `?preauth` file. DCE requires that the `?preauth` have permissions of 711 and an owner and group with id's of 0. There is a known bug on Transarc DCE, where this file's permissions get changed. Make sure you check the permissions and ownership on this file before running CMP, etc. To check the permissions and ownership do the following:

1. Login as Sysadmin (or any account with an xterm) and open an xterm
2. Type `?su` to change to root
3. Type `?grep :0: /etc/group` to see a list of group ids for `?0`
4. Type `?cd /opt/dcelocal/var/security` to change to the DCE security directory
5. Type `?ls -al` to get a long listing of the directory
6. Check the owner and group to make sure they are in the list generated from #3 above
7. If the group is not, then type `?chgrp root preauth` (Note: root in this example could be replaced by any item from the list generated in #3 above.)
8. If the owner is incorrect, then type `?chown root preauth` (Note: root in this example could be replaced by any item from the list generated in #3 above.)
9. Check the permissions on the file `?preauth`, they should be `?rwx-x-x`
10. If the permissions are something else, like `?rwxr-xr-x`, then change them to 711 by typing `?chmod 711 preauth`.

1.4 Sybase 10.02

In the current Sybase environment segment, it sets semaphore values in the `/etc/system` file. This is currently a problem in that it cannot handle having these values stored in hexadecimal format. So, before you install the Sybase Environment segment, do the following, to make sure the value is indeed in decimal.

a) To check the value:

- (1) Login as Sysadmin (or any account with an xterm) and open an xterm
- (2) Type `"su"` to change to root
- (3) Type `"cd /etc"` to change the `/etc`
- (4) Type `"more system"` to open the `/etc/system` file.
- (5) Type `"/shmmax"` to get to the line `"set shmsys:shminfo_shmmax=[value]"`
- (6) If the `[value]` in the line above starts with `"0x"`, then it is a hexadecimal number and it needs to be converted; if not, then you are okay to install sybase.

b) To convert from hexadecimal to decimal

- (1) There are many ways, but the easiest is to open the calculator under the `"desk_top apps"` icon under the application manager.
- (2) Near the top middle of the calculator, click on `"dec"` and select `"hex"`.
- (3) Type in the `[value]` shown in your `/etc/system` file from above.
- (4) Click again on the `"hex"` and select `"dec"` to get the decimal equivalent.
- (5) Return to the xterm and end the `more` of `/etc/system`.

(6) Edit the system file by replacing the hex value with the new decimal equivalent value. Now you are ready to install Sybase.

1.5 Informix 1.0.1.1

Problem: When installing the Informix segments to anything other than /h, the user will receive several error messages to the affect that Informix has not been installed properly. However, additional testing revealed that the Informix segments were indeed successfully installed.